

Amendments to the Abstract

Please amend the Abstract, as shown below:

An electric discharge machining method of removing material having a dimension (**d**) and a removal surface area (**S**) from a a ~~[[the]]~~ workpiece. A removal volume (**V**) of the material to be removed is obtained based on the dimension (**d**) and the removal surface area (**S**). Machining conditions are set, and a removal volume rate (**V_m**) corresponding to the set machining conditions is obtained. Machining time (**T**) is determined ~~[[set]]~~ based on the removal volume (**V**) and removal volume rate (**V_m**). The electric discharge machining is completed when the ~~[[set]]~~ machining time (**T**) has elapsed from the start of electric discharge machining.